L Number	Hits	Search Text	DB	Time stamp
1	257	sludge and hopper and gate	USPAT;	2002/04/30 12:50
2			US-PGPUB;	
			EPO; JPO; DERWENT	
	4	(sludge and hopper and gate) and plc	1	2002/04/20 42:25
2	-	(Sludge and hopper and gate) and pic	USPAT; US-PGPUB;	2002/04/30 12:25
			EPO; JPO;	
			DERWENT	
3	10	("4981600" "5037560" "5051031" "5186840"	USPAT	2002/04/30 12:29
		"5217624" "5229011" "5259977" "5277825"	00.71	2002/04/00 12:20
		"5419839" "5435923").PN.		
4	1	5609836.URPN.	USPAT	2002/04/30 12:31
6	2	(sludge and hopper and gate) and real adj time	USPAT;	2002/04/30 12:33
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
5	194	(sludge and hopper and gate) and (control	USPAT;	2002/04/30 12:35
		controlling controller)	US-PGPUB;	
			EPO; JPO;	
	_		DERWENT	
7	3	("3679053" "3721344" "3749243").PN.	USPAT	2002/04/30 12:47
8	2	3844945.URPN.	USPAT	2002/04/30 12:48
9	22	hoppers and gate and plc	USPAT;	2002/04/30 12:53
			US-PGPUB;	
			EPO; JPO; DERWENT	
10	89	hoppers and gate and real adj time	USPAT;	2002/04/30 12:54
10	09	hoppers and gate and real adjunte	US-PGPUB:	2002/04/30 12.34
			EPO; JPO;	
			DERWENT	
12	52	222/129-147.ccls. and 222/26,27.ccls.	USPAT;	2002/04/30 12:55
			US-PGPUB;	
	ŀ		EPO; JPO;	
			DERWENT	
14	0	((hoppers and gate and real adj time) not ((hoppers	USPAT;	2002/04/30 12:55
		and gate and plc) ((sludge and hopper and gate)	US-PGPUB;	
		and (control controlling controller)))) and	EPO; JPO;	
		((222/129-147.ccls. and 222/26,27.ccls.) not	DERWENT	
		((hoppers and gate and plc) ((sludge and hopper		
		and gate) and (control controlling controller))))		0000/04/00 40.55
11	86	() he commended the commend	USPAT;	2002/04/30 12:55
		and gate and plc) ((sludge and hopper and gate) and (control controlling controller)))	US-PGPUB; EPO; JPO;	
		and (control controlling controller)))	DERWENT	
43		(222/129-147.ccls. and 222/26,27.ccls.) not	USPAT;	2002/04/30 14:35
13	52	(hoppers and gate and plc) ((sludge and hopper	US-PGPUB;	2002/04/00 14:55
		and gate) and (control controlling controller)))	EPO; JPO;	
			DERWENT	
51	98972	210/\$7.ccls.	USPAT;	2002/04/30 14:35
- .			US-PGPUB;	
			EPO; JPO;	
			DERWENT	•
52	9492	210/85-136.ccls.	USPAT;	2002/04/30 14:35
			US-PGPUB;	
			EPO; JPO;	
	1		DERWENT	
			I LICDAT.	2002/04/30 14:38
53	20	210/85-136.ccls. and sludge.ti,ab. and gate	USPAT;	
53	20	210/85-136.ccls. and sludge.ti,ab. and gate	US-PGPUB;	
53	20	210/85-136.ccls. and sludge.ti,ab. and gate	US-PGPUB; EPO; JPO;	
		<u> </u>	US-PGPUB; EPO; JPO; DERWENT	
53	20	(222/129-147.ccls. and 222/26,27.ccls.) and	US-PGPUB; EPO; JPO; DERWENT USPAT;	
		<u> </u>	US-PGPUB; EPO; JPO; DERWENT	2002/04/30 14:38

Search History 4/30/02 3:59:54 PM Page 1

55	0	(222/129-147.ccls. and 222/26,27.ccls.) and 700/\$7.ccls.	USPAT; US-PGPUB;	2002/04/30 14:39
		' · ·	EPO; JPO;	
			DERWENT	
56	17	(hoppers and gate and real adj time) and	USPAT;	2002/04/30 14:40
		700/\$7.ccls.	US-PGPUB:	
			EPO; JPO;	
			DERWENT	
58	0	700/240.ccls. and sludge	USPAT;	2002/04/30 14:40
		100/240.0010. und bladgo	US-PGPUB;	2002/04/00 14.40
			EPO; JPO;	
			DERWENT	
57	148	700/240.ccls.	USPAT;	2002/04/30 14:57
37	140	700/240.00/3.	US-PGPUB;	2002/04/30 14.37
			EPO; JPO;	
			DERWENT	
59	0		1	0000104120 44.50
59	0	/////	USPAT;	2002/04/30 14:58
		and gate and plc) ((sludge and hopper and gate)	US-PGPUB;	
		and (control controlling controller))))	EPO; JPO;	
ŀ		((222/129-147.ccls. and 222/26,27.ccls.) not	DERWENT	
		((hoppers and gate and plc) ((sludge and hopper		
		and gate) and (control controlling controller))))) and		
		drodge-j\$.xp,xa.	LICEAT	0000/04/00 15 55
60	3	((=	USPAT;	2002/04/30 15:30
		drodge-j\$.xp,xa.	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
61	387	366/132,141.ccls.	USPAT;	2002/04/30 15:30
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
62	3	366/132,141.ccls. and hopper and sludge	USPAT;	2002/04/30 15:30
			US-PGPUB;	
		,	EPO; JPO;	
			DERWENT	
-	101	cecil-t\$.xa,xp.	USPAT;	2001/09/28 14:28
			US-PGPUB;	
1			EPO; JPO	
-	3	cecil-t\$.xa,xp. and hopper	USPAT;	2001/09/28 14:33
		, , , , , , , , , , , , , , , , , , , ,	US-PGPUB;	
			EPO; JPO	
-	0	cecil-t\$.xa,xp. and mortor	USPAT;	2001/09/28 14:33
			US-PGPUB;	
1			EPO; JPO	
-	0	cecil-t\$.xa,xp. and 366/	USPAT;	2001/09/28 14:33
	1		US-PGPUB;	
			EPO; JPO	
-	9	cecil-t\$.xa,xp. and 366/\$7.ccls.	USPAT;	2001/09/28 16:04
		,	US-PGPUB;	
			EPO; JPO	
1.	52665	hopper	USPAT;	2001/09/28 16:04
1			US-PGPUB	1
_	2056	hopper and gate near6 control\$4	USPAT;	2001/09/28 16:06
1	2000	Hole or any Sare near a same of	US-PGPUB	
	420	(hopper and gate near6 control\$4) and	USPAT;	2001/09/30 11:22
1	420	(105/\$7.ccis. 177/\$7.ccis. 222/\$7.ccis.	US-PGPUB	
1		52/194,197.ccls.)	/	
-	420	(hopper and gate near6 control\$4) and	USPAT;	2001/09/30 11:23
-	420	(105/\$7.ccls. 177/\$7.ccls. 222/\$7.ccls.	US-PGPUB	
1		52/194,197.ccis.)	33 . 3. 33	
		l	USPAT;	2001/09/30 11:25
-	3	((nopper and gate near 6 controls 4) and (105/\$7.ccls. 177/\$7.ccls. 222/\$7.ccls.	US-PGPUB	
		(105/\$7.ccis. 177/\$7.ccis. 222/\$7.ccis. 52/194,197.ccis.)) and (oit or operator adj	33 . 3. 35	
1	1	interface)	J	

		_		
-	3	(((hopper and gate near6 control\$4) and (105/\$7.ccls. 177/\$7.ccls. 222/\$7.ccls. 52/194,197.ccls.)) and (oit or operator adj	USPAT; US-PGPUB	2001/09/30 11:25
-	3	interface)) and level ((((hopper and gate near6 control\$4) and (105/\$7.ccls. 177/\$7.ccls. 222/\$7.ccls. 52/194,197.ccls.)) and (oit or operator adj	USPAT; US-PGPUB	2001/09/30 11:26
-	0	interface)) and level) and position (((((hopper and gate near6 control\$4) and (105/\$7.ccls. 177/\$7.ccls. 222/\$7.ccls. 52/194,197.ccls.)) and (oit or operator adj	USPAT; US-PGPUB	2001/09/30 11:26
_	3	interface)) and level) and position) and load adj cells (((((hopper and gate near6 control\$4) and	USPAT;	2001/09/30 11:26
		(((((hopper and gate flear controls) and (105/\$7.ccls. 177/\$7.ccls. 222/\$7.ccls. 52/194,197.ccls.)) and (oit or operator adj interface)) and level) and position) and weight	US-PGPUB	233 (733/33 11.23
-	0	((((((hopper and gate near6 control\$4) and (105/\$7.ccls. 177/\$7.ccls. 222/\$7.ccls. 52/194,197.ccls.)) and (oit or operator adj interface)) and level) and position) and weight) and flow adj rate	USPAT; US-PGPUB	2001/09/30 11:27
-	0	((((((hopper and gate near6 control\$4) and (105/\$7.ccls. 177/\$7.ccls. 222/\$7.ccls. 52/194,197.ccls.)) and (oit or operator adj interface)) and level) and position) and weight) and	USPAT; US-PGPUB	2001/09/30 11:27
-	3	flow near2 rate ((((((hopper and gate near6 control\$4) and (105/\$7.ccls. 177/\$7.ccls. 222/\$7.ccls. 52/194,197.ccls.) and (oit or operator adj interface)) and level) and position) and weight) and	USPAT; US-PGPUB	2001/09/30 11:33
-	1	(pneumatic\$4 hydraulic\$4 electric\$4) ((hopper and gate near6 control\$4) and (105/\$7.ccls. 177/\$7.ccls. 222/\$7.ccls.	USPAT; US-PGPUB	2001/09/30 11:36
-	119	52/194,197.ccls.)) and sludge ((hopper and gate near6 control\$4) and (105/\$7.ccls. 177/\$7.ccls. 222/\$7.ccls. 52/194,197.ccls.)) and sensor	USPAT; US-PGPUB	2001/09/30 11:36
-	159	((hopper and gate near6 control\$4) and (105/\$7.ccls. 177/\$7.ccls. 222/\$7.ccls. 52/194,197.ccls.)) and (sensor or sensing)	USPAT; US-PGPUB	2001/09/30 11:37
-	14	("2745539" "2792923" "2922610" "2997205" "3042261" "3065740" "3185345" "3223964" "3303967" "3474874" "4138010" "4354622" "4458827" "4487333").PN.	USPAT; US-PGPUB	2001/09/30 12:11
-	3	2997205.URPN.	USPAT; US-PGPUB	2001/09/30 12:32
-	2	5081600.URPN.	USPAT; US-PGPUB	2001/09/30 13:52
-	1 4	5081600.pn.	USPAT; US-PGPUB USPAT;	2001/09/30 13:53
-	4	("4054748" "4210963" "4301510" "4882784").PN.	US-PGPUB	230 1/03/00 10.04